

## **REMARKS**

### **35 U.S.C. §112, First Paragraph**

On page 2, items 2-3 of the Final Office Action, claims 10-14 were rejected under 35 U.S.C. §112, first paragraph, as allegedly failing to comply with the written description requirement. It was alleged that the original Specification failed to describe the steps of claim 10. However, Applicant submits that the original Specification adequately and fully describes claim 10. In particular the description of and support of claim 10 can be found in at least at paragraphs 88-97, especially paragraph 91, and is also shown in the Figures, particularly Figure 9. Although these particular paragraphs are noted for the convenience of the Office, there are additional paragraphs that describe the steps of claim 10 in addition to those noted herein.

After an interview with Examiner Cho on May 13, 2009, it was advised to provide a more detailed explanation of where each step of the claim is supported in the Specification. Such explanation is as follows:

10. (NEW CLAIM) A method for aggregating, sharing and dynamically routing and allocating bandwidth from a plurality of wired and wireless networks that are geographically disbursed over a wide area, and providing some or all of the aggregated bandwidth to any user on an on-demand basis, the method comprising the steps of:

**SUPPORT: Abstract**

developing and updating a network table that comprises a list of nearby RCGs, their bandwidth capabilities over local, remote and wireless connections, and their location with respect to a requesting RCG;

SUPPORT: Figure 9 shows the graphical implementation of this claim. The wireless connections between the RCG's shows the data hopping in conjunction to the hard wired connections (telephone, cable, fiber or wireless). The drawing shows that fixed connections are not required. Also described in paragraph 88 and continuing through paragraph 97.

determining an optimum amount of bandwidth needed for an immediate data transfer needs of the requesting RCG;

SUPPORT: Paragraph 89.

determining which of the nearby RCGs should be contacted for access to unused bandwidth to support a transfer of the requesting RCG, based upon their unused local bandwidth capacity, and a distance and a number of hops between the RCGs and the requesting RCG;

SUPPORT: Paragraph 91, lines 25 thru 45.

sending a request to the supporting RCGs asking for use of a portion of the unused bandwidth;

SUPPORT: Paragraph 91, lines 45 through 60.

receiving responses from the supporting RCGs with information about how much bandwidth each selected RCG can share;

SUPPORT: Paragraph 91, lines 41 thru 45.

selecting which of the supporting RCGs to use for optimal use of needed bandwidth;

SUPPORT: Paragraph 91, lines 45 through 50.

contacting the selected RCGs with control information for sending data to the requesting RCG;

SUPPORT: Paragraph 91, lines 50 through 65.

sending packets of the data from the selected RCGs to the requesting RCG;

SUPPORT: Paragraph 91, lines 60 through 67.

reassembling the packets of the data at the requesting RCG; and

SUPPORT: Paragraph 91, lines 70 through 73.

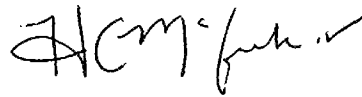
relinquishing the bandwidth of each of the selected RCGs.

SUPPORT: Paragraph 92.

Therefore, it is respectfully submitted that claim 10 is fully described in the original Specification and is thus allowable. It is again asserted that those paragraphs noted above for the convenience of the Office, and that there are additional drawings and paragraphs in the Specification that describe the steps of claim 10. Claims 11-14 are allowable, at least by virtue of their dependence from claim 10. Applicant respectfully requests that the Office reconsider and withdraw the rejection of claims 10-14 and allow this application.

The Examiner is invited to contact the undersigned attorney at the telephone number listed below if the Examiner continues to believe that the Specification does not show support for claim 10 as outlined above.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "H Clay McGurk IV", followed by a checkmark.

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